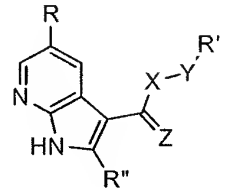
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in this application.

Listing of claims:

1. (Currently amended) A compound of formula (I):



(I)

wherein:

R stands for phenyl or naphthyl ~~carbocyclyl, substituted carbocyclyl, heterocyclyl, or substituted heterocyclyl~~, wherein

~~the optionally substituted carbocyclyl or optionally substituted heterocyclyl group is optionally fused to an unsaturated, partially unsaturated or fully saturated five to seven membered ring containing zero to three heteroatoms,~~

each substitutable carbon atom in R, including the optional fused ring, is optionally and independently substituted by one or more of ~~C_{1-12} alkyl, carbocyclyl, or heterocyclyl,~~ halogen, ~~haloalkyl, OR^2, SR^2, NO_2, CN,~~ or NR^2R^2, ~~NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$,~~ wherein each R^2 may be the same or different and is as defined below; ~~and wherein:~~

~~the C_{1-12} alkyl optionally incorporates one or two insertions selected from the group consisting of O, C(O), $N(R^2)$, S(O) and $S(O_2)$ wherein each R^2 may be the same or different and is as defined below;~~

~~the C_{1-12} alkyl, carbocyclyl, or heterocyclyl group is optionally substituted by one or more of halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$; wherein each R^2 may be the same or different and is as defined below and~~

~~the carbocyclyl, or heterocyclyl group is optionally substituted by one or more C_{1-12} alkyl,~~

~~each saturated carbon in the optional fused ring is further optionally and independently substituted by =O, =S, =NNHR^2, =NNR^{2}R^2, =N-OR^2, =NNHCOR^2, =NNHCO$_2$R^2, =NNSO$_2$R^2, or =NR^2, wherein each R^2 may be the same or different and is as defined below; and~~

~~each substitutable nitrogen atom in R is optionally substituted by R^3, COR^2, SO$_2$R^2 or CO$_2$R^2, wherein each R^2 and R^3 may be the same or different and is as defined below;~~

R^2 is hydrogen, or C_{1-12} alkyl; ~~or aryl, optionally substituted by one or more of C_{1-4} alkyl, halogen, C_{1-4} haloalkyl, OR^4, SR^4, NO_2, CN, NR^4R^4, NR^4COR^4, $NR^4CONR^4R^4$, NR^4COR^4, $NR^4CO_2R^4$, CO_2R^4, COR^4, $CONR^4_2$, $S(O)_2R^4$, $SONH_2$, $S(O)R^4$, $SO_2NR^4R^4$, $NR^4S(O)_2R^4$, wherein the C_{1-12} alkyl group optionally incorporates one or two insertions selected from the group consisting of O, $N(R^4)$, S(O) and $S(O_2)$, wherein each R^4 may be the same or different and is as defined below;~~

~~R^3 is C_{1-12} alkyl or aryl, optionally substituted by one or more of C_{1-4} alkyl, halogen, C_{1-4} haloalkyl, OR^4, SR^4, NO_2, CN, NR^4R^4, NR^4COR^4, $NR^4CONR^4R^4$, NR^4COR^4, $NR^4CO_2R^4$, CO_2R^4, COR^4, $CONR^4_2$, $S(O)_2R^4$, $SONH_2$, $S(O)R^4$, $SO_2NR^4R^4$, $NR^4S(O)_2R^4$, wherein the C_{1-12} alkyl group optionally incorporates one or two insertions selected from the group consisting of O, $N(R^4)$, S(O) and $S(O_2)$, wherein each R^4 may be the same or different and is as defined below;~~

~~R^4 is hydrogen, C_{1-4} alkyl, or C_{1-4} haloalkyl;~~

R' is C_{1-12} alkyl, C_{2-12} alkenyl, C_{2-12} alkynyl, carbocyclyl or heterocyclyl, each of which is optionally substituted, wherein:

the optionally substituted carbocyclyl or heterocyclyl group is optionally fused to one to three unsaturated, partially unsaturated or fully saturated five to seven membered rings containing zero to three heteroatoms,

each substitutable carbon atom in R', including the optional fused ring, is optionally and independently substituted by one or more of C_{1-12} alkyl, ~~C_{3-12} cycloalkyl,~~ C_{3-12} heterocycloalkyl, ~~aryl, heteroaryl~~ halogen, haloalkyl, OR^2, ~~SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$,~~ wherein each R^2 may be the same or different and is as defined above; ~~and wherein:~~

~~the C_{1-12} alkyl group optionally incorporates one or two insertions selected from the group consisting of -O-, -C(O)-, -N(R^2)-, -S(O)- and -S(O_2)-, wherein each R^2 may be the same or different and is as defined above;~~

~~the C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, or heteroaryl groups are optionally substituted by one or more of halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$, wherein each R^2 may be the same or different and is as defined above; and~~

~~the C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, or heteroaryl groups are optionally substituted by one or more C_{1-12} alkyl groups;~~

~~each saturated carbon in R', including the optional fused ring, is further optionally and independently substituted by =O, =S, $=NNR^2R^2$, $=N-OR^2$, $=NNHCOR^2$, $=NNHCO_2R^2$, $=NNSO_2R^2$, or $=NR^2$, wherein each R^2 may be the same or different and is as defined above; and~~

~~each substitutable nitrogen atom in R' is optionally substituted by R^3, COR^2, SO_2R^2 or CO_2R^2 wherein each R^2 and R^3 may be the same or different and is as defined above;~~

R'' is hydrogen, or C_{1-12} alkyl;[[,]] ~~carbocyclyl or heterocyclyl, each of which is optionally substituted, wherein:~~

~~the said carbocyclyl or heterocyclyl is optionally fused to one to three unsaturated, partially unsaturated or fully saturated five to seven membered ring containing zero to three heteroatoms,~~

~~each substitutable carbon atom in R'', including the optional fused ring, is optionally and independently substituted by one or more of C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, heteroaryl, halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$, wherein each R^2 may be the same or different and is as defined below and wherein:~~

~~the C_{1-12} alkyl group optionally incorporate one or two insertions selected from the group consisting of O, C(O), $N(R^2)$, S(O) and $S(O_2)$;~~

~~the C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, and heteroaryl groups are optionally substituted by one or more of halogen, haloalkyl, unsaturated or partly saturated cycloalkyl, aryl, or heteroaryl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$, wherein each R^2 may be the same or different and is as defined above; and~~

~~the C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, and heteroaryl groups, are optionally substituted by one or more C_{1-12} alkyl~~

~~each saturated carbon in R'', including the optional fused ring, is further optionally and independently substituted by =O, =S, NNR^2R^2, $=NOR^2$, $=NNHCOR^2$, $=NNHCO_2R^2$, $=NNSO_2R^2$, or $=NR^2$, wherein each R^2 may be the same or different and is as defined above; and~~

~~each substitutable nitrogen atom in R'' is optionally substituted by R^3, COR^2, SO_2R^2 or CO_2R^2, wherein each R^2 and R^3 may be the same or different and is as defined above;~~

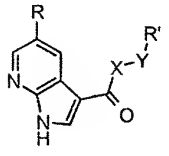
X is NR^5; ~~O, S or C_{1-4} alkylene that is optionally substituted by one or more of halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$, wherein each R^2 may be the same or different and is as defined above~~ and R^5 is H, C_{1-4} alkyl, C_{1-4} alkoxy, C_{1-4} haloalkyl or C_{1-4} haloalkyl; and

Y is absent or is NR^6, ~~O,~~ CR^6R^6, or C_{1-4} alkylene wherein each R^6 may be the same or different and is H, or C_{1-4} alkyl~~, C_{1-4} alkoxy or C_{1-4} haloalkyl~~; and

Z is ~~O, S or NR^7 wherein each R^7 may be the same or different and is hydrogen, C_{1-4} alkyl optionally substituted with one or more of halide, OR^8, NR^8R^8 or aryl, where each R^8 may be the same or different and stand for H, C_{1-4} alkyl, C_{1-4} alkoxy, C_{1-4} haloalkyl or C_{1-4} haloalkoxy~~;

or ~~and~~ the pharmaceutically acceptable salts, and other pharmaceutically acceptable ~~biohydrolyzable derivatives thereof selected from the group comprising~~ esters, amides, carbamates, carbonates, ureides, solvates, hydrates, affinity reagents and prodrugs thereof.

2. (Currently Amended) A compound as claimed in claim 1, having the formula (Ia);



(Ia)

wherein

R stands for phenyl or naphthyl ~~carbocyclyl, substituted carbocyclyl, heterocyclyl, or substituted heterocyclyl~~, wherein

~~the optionally substituted carbocyclyl or optionally substituted heterocyclyl group is optionally fused to an unsaturated, partially unsaturated or fully saturated five to seven membered ring containing zero to three heteroatoms,~~

each substitutable carbon atom in R, including the optional fused ring, is optionally and independently substituted by one or more of ~~C_{1-12} alkyl, carbocyclyl, or heterocyclyl,~~ halogen, ~~haloalkyl, OR^2, SR^2, NO_2, CN,~~ NR^2R^2, ~~NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$,~~ wherein each R^2 may be the same or different and is as defined below ~~and wherein:~~

~~the C_{1-12} alkyl optionally incorporates one or two insertions selected from the group consisting of O, C(O), $N(R^2)$, S(O) and $S(O_2)$ wherein each R^2 may be the same or different and is as defined below;~~

~~the C_{1-12} alkyl, carbocyclyl, or heterocyclyl group is optionally substituted by one or more of halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$; wherein each R^2 may be the same or different and is as defined below and~~

~~the carbocyclyl, or heterocyclyl group is optionally substituted by one or more C_{1-12} alkyl,~~

~~each saturated carbon in the optional fused ring is further optionally and independently substituted by =O, =S, $=NNHR^2$, NNR^2R^2, $=N\text{-}OR^2$, $=NNHCOR^2$, $=NNHCO_2R^2$, $=NNSO_2R^2$, or $=NR^2$, wherein each R^2 may be the same or different and is as defined below; and~~

~~each substitutable nitrogen atom in R is optionally substituted by R^3, COR^2, SO_2R^2 or CO_2R^2, wherein each R^2 and R^3 may be the same or different and is as defined below;~~

R^2 is hydrogen, or C_{1-12} alkyl ~~or aryl, optionally substituted by one or more of C_{1-4} alkyl, halogen, C_{1-4} haloalkyl, OR^4, SR^4, NO_2, CN, NR^4R^4, NR^4COR^4, $NR^4CONR^4R^4$, NR^4COR^4, $NR^4CO_2R^4$, CO_2R^4, COR^4, $CONR^4_2$, $S(O)_2R^4$, $SONH_2$, $S(O)R^4$, $SO_2NR^4R^4$, $NR^4S(O)_2R^4$, wherein the C_{1-12} alkyl group optionally incorporates one or two insertions selected from the group consisting of O, $N(R^4)$, S(O) and $S(O_2)$, wherein each R^4 may be the same or different and is as defined below;~~

~~R^3 is C_{1-12} alkyl or aryl, optionally substituted by one or more of C_{1-4} alkyl, halogen, C_{1-4} haloalkyl, OR^4, SR^4, NO_2, CN, NR^4R^4, NR^4COR^4, $NR^4CONR^4R^4$, NR^4COR^4, $NR^4CO_2R^4$, CO_2R^4, COR^4, $CONR^4{}_2$, $S(O)_2R^4$, $SONH_2$, $S(O)R^4$, $SO_2NR^4R^4$, $NR^4S(O)_2R^4$, wherein the C_{1-12} alkyl group optionally incorporates one or two insertions selected from the group consisting of O, $N(R^4)$, S(O) and $S(O_2)$, wherein each R^4 may be the same or different and is as defined below;~~

~~R^4 is hydrogen, C_{1-4} alkyl, or C_{1-4} haloalkyl~~;

R' is C_{1-12} alkyl, C_{2-12} alkenyl, C_{2-12} alkynyl, carbocyclyl or heterocyclyl, each of which is optionally substituted, wherein:

the optionally substituted carbocyclyl or heterocyclyl group is optionally fused to one to three unsaturated, partially unsaturated or fully saturated five to seven membered rings containing zero to three heteroatoms,

each substitutable carbon atom in R', including the optional fused ring, is optionally and independently substituted by one or more of C_{1-12} alkyl, ~~C_{3-12} cycloalkyl,~~ C_{3-12} heterocycloalkyl, ~~aryl, heteroaryl~~ halogen, haloalkyl, OR^2, ~~SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$,~~ wherein each R^2 may be the same or different and is as defined above ~~and wherein:~~

~~the C_{1-12} alkyl group optionally incorporates one or two insertions selected from the group consisting of O, C(O), $N(R^2)$, S(O) and $S(O_2)$, wherein each R^2 may be the same or different and is as defined above;~~

~~the C_{1-12} alkyl, C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, or heteroaryl groups are optionally substituted by one or more of halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$, wherein each R^2 may be the same or different and is as defined above; and~~

~~the C_{3-12} cycloalkyl, C_{3-12} heterocycloalkyl, aryl, or heteroaryl groups are optionally substituted by one or more C_{1-12} alkyl groups;~~

~~each saturated carbon in R', including the optional fused ring, is further optionally and independently substituted by =O, =S, $=NNR^2R^2$, $=N\text{-}OR^2$, $=NNHCOR^2$, $=NNHCO_2R^2$, $=NNSO_2R^2$, or $=NR^2$, wherein each R^2 may be the same or different and is as defined above; and~~

~~each substitutable nitrogen atom in R' is optionally substituted by R^3, COR^2, SO_2R^2 or CO_2R^2 wherein each R^2 and R^3 may be the same or different and is as defined above~~;

X is NR^5; ~~O, S or C_{1-4} alkylene that is optionally substituted by one or more of halogen, haloalkyl, OR^2, SR^2, NO_2, CN, NR^2R^2, NR^2COR^2, $NR^2CONR^2R^2$, NR^2COR^2, $NR^2CO_2R^2$, CO_2R^2, COR^2, $CONR^2R^2$, $S(O)_2R^2$, $SONH_2$, $S(O)R^2$, $SO_2NR^2R^2$, $NR^2S(O)_2R^2$, wherein each R^2 may be the same or different and is as defined above~~ and R^5 is H, C_{1-4} alkyl, C_{1-4} alkoxy, C_{1-4} haloalkyl or C_{1-4} haloalkyl; and

Y is absent or is NR^6, ~~O,~~ CR^6R^6, or C_{1-4} alkylene wherein each R^6 may be the same or different and is H, or C_{1-4} alkyl~~, C_{1-4} alkoxy or C_{1-4} haloalkyl~~.

3. (Currently amended) A compound as claimed in claim 1, wherein R is phenyl or naphthyl ~~an aryl or heteroaryl radical~~, optionally substituted with one or more of ~~alkyl, haloalkyl,~~ halogen, ~~OR^9, SR^8, SOR^9,~~ or $N(R^9)_2$, wherein each R^9 may be the same or different and stand for hydrogen, or C_{1-4} alkyl ~~or haloalkyl~~.

4. (Canceled)

5. (Currently Amended) A compound as claimed in claim 1 [[4]], wherein R is phenyl substituted in the 3-(meta) position.

6. (Currently amended) A compound as claimed in claim 1 [[4]], wherein R is phenyl or naphthyl ~~substituted aryl~~ and the substituent is F, Cl, Br, haloalkyl, or alkyl.

7. (Previously Presented) A compound as claimed in claim 1, wherein R' is C_{1-4} alkyl, alkenyl or alkynyl.

8. (Original) A compound as claimed in claim 7, wherein Y stands for an alkylene group.

9. (Currently amended) A compound as claimed in claim 1, wherein R' stands for aryl, or a heteroaryl eontaining up to 3 hetero atoms, or a cycloalkyl or heterocycloalkyl group, each of which may be fused to one or more aryl, heteroaryl, cycloalkyl or heterocycloalkyl rings, each optionally substituted by one or more of alkyl, halide ~~alkyl~~-haloalkyl, or alkoxy ~~or haloalkoxy~~.

10. (Currently amended) A compound as claimed in claim 1, wherein R'' is H, or C_{1-4} alkyl~~, aryl, heteroaryl, cycloalkyl or heterocycloalkyl~~.

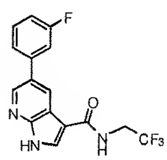
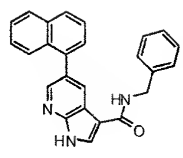
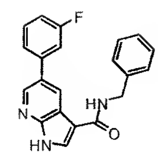
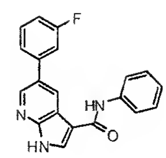
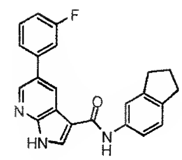
11. (Currently amended) A compound as claimed in claim 1, wherein X is ~~NR^5, most preferably~~ NH~~, or a straight chain or branched C_{1-4} alkylene~~.

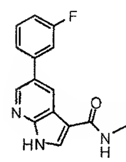
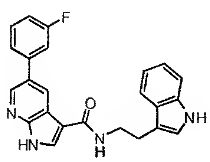
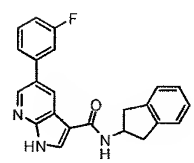
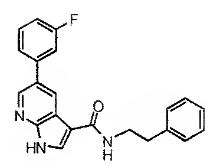
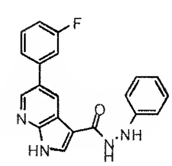
12. (Currently amended) A compound as claimed in claim 1, wherein Y is either absent or a straight or ~~of~~ branched chain C_{1-4} alkyl.

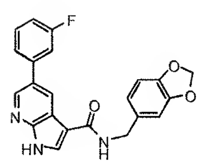
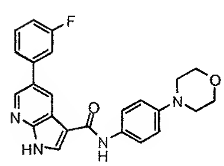
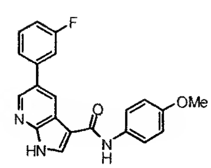
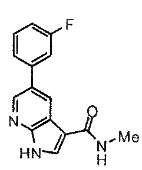
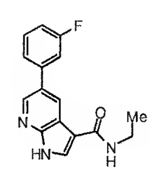
13. (Previously Presented) A compound as claimed in claim 1, wherein Y is NR^6.

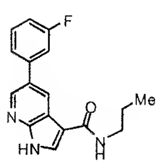
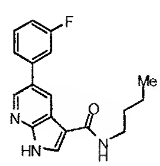
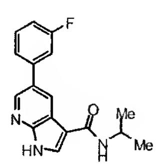
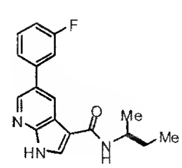
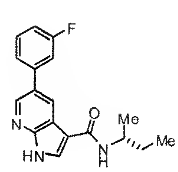
14-15. (Canceled)

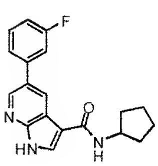
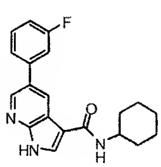
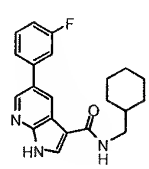
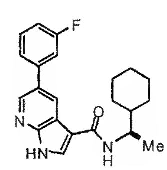
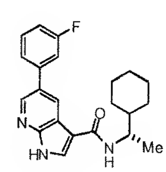
16. (Currently Amended) A compound as claimed in claim 1 selected from

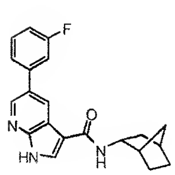
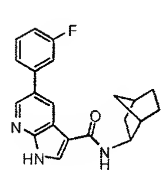
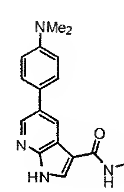
    

  and  .

17-27. (Canceled).

28. (Previously Presented) A pharmaceutical composition comprising a compound as defined in claim 1 in combination with a pharmaceutically acceptable carrier, diluent or excipient.

29. (Previously Presented) A pharmaceutical composition as claimed in claim 28 further comprising one or more other active agent.

30. (Previously Presented) A pharmaceutical composition as claimed in claim 29 wherein the composition further comprises an anti-inflammatory agent.

31. (Canceled)

32. (Currently amended) A compound as defined in claim 1, or a composition as defined in claim 28, for use in therapy.

33-63. (Canceled)

64. (Previously Presented) A compound as claimed in claim 6, wherein an R is F- substituted aryl.

65. (Previously Presented) A compound as claimed in claim 6, wherein the haloalkyl is CF_3.

66. (Previously Presented) A compound as claimed in claim 6, wherein alkyl is methyl, ethyl or propyl.